

Roskam	Simpson	Velázquez
Ross	Sinema	Visclosky
Rothfus	Sires	Wagner
Rouzer	Slaughter	Walberg
Roybal-Allard	Smith (MO)	Walden
Royce	Smith (NE)	Walker
Ruiz	Smith (NJ)	Walorski
Ruppersberger	Smith (TX)	Walters, Mimi
Rush	Speler	Walz
Russell	Stefanik	Wasserman
Ryan (OH)	Stewart	Schultz
Salmon	Stivers	Waters, Maxine
Sánchez, Linda	Stutzman	Watson Coleman
T.	Swalwell (CA)	Weber (TX)
Sanchez, Loretta	Takano	Webster (FL)
Sanford	Thompson (CA)	Welch
Sarbanes	Thompson (MS)	Wenstrup
Scalise	Thompson (PA)	Westerman
Shakowsky	Thornberry	Wilson (FL)
Schiff	Tiberi	Wilson (SC)
Schrader	Tipton	Wittman
Schweikert	Titus	Womack
Scott (VA)	Tonko	Woodall
Scott, Austin	Torres	Yarmuth
Scott, David	Trott	Yoder
Sensenbrenner	Tsongas	Yoho
Serrano	Turner	Young (AK)
Sessions	Upton	Young (IA)
Sewell (AL)	Valadao	Young (IN)
Sherman	Vargas	Zeldin
Shimkus	Veasey	Zinke
Shuster	Vela	

NAYS—3

Bass	Perlmutter	Smith (WA)
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NOT VOTING—20

Barletta	Hurt (VA)	Nugent
Brown (FL)	Jolly	Poe (TX)
Clawson (FL)	Jones	Renacci
Crenshaw	Kirkpatrick	Van Hollen
Farr	McCaul	Westmoreland
Fincher	McDermott	Williams
Hahn	Nolan	

□ 1340

So (two-thirds being in the affirmative) the rules were suspended and the bill was passed.

The result of the vote was announced as above recorded.

A motion to reconsider was laid on the table.

PERSONAL EXPLANATION

Mr. RENACCI. Mr. Speaker, I was unavoidably detained on rollcalls 590 and 591. Had I been present, I would have voted "yea" on rollcall No. 590 and "yea" on rollcall No. 591.

PERMISSION TO POSTPONE PROCEEDINGS ON MOTION TO CONCUR ON SENATE AMENDMENT TO H.R. 34, TSUNAMI WARNING, EDUCATION, AND RESEARCH ACT OF 2015

Mr. UPTON. Mr. Speaker, I ask unanimous consent that the question of adopting a motion to concur in the Senate amendment to H.R. 34 with an amendment may be subject to postponement as though under clause 8 of rule XX.

The SPEAKER pro tempore. Is there objection to the request of the gentleman from Michigan?

There was no objection.

TSUNAMI WARNING, EDUCATION, AND RESEARCH ACT OF 2015

Mr. UPTON. Mr. Speaker, pursuant to House Resolution 934, I call up the bill (H.R. 34) to authorize and strengthen the tsunami detection, forecast, warning, research, and mitigation program of the National Oceanic and At-

mospheric Administration, and for other purposes, with the Senate amendment thereto, and ask for its immediate consideration.

The Clerk read the title of the bill.

The SPEAKER pro tempore. The Clerk will designate the Senate amendment.

Senate amendment:

In lieu of the matter proposed to be inserted, add the following:

SECTION 1. SHORT TITLE.

This Act may be cited as the "Tsunami Warning, Education, and Research Act of 2015".

SEC. 2. REFERENCES TO THE TSUNAMI WARNING AND EDUCATION ACT.

Except as otherwise expressly provided, whenever in this Act an amendment or repeal is expressed in terms of an amendment to, or repeal of, a section or other provision, the reference shall be considered to be made to a section or other provision of the Tsunami Warning and Education Act (Public Law 109-424; 33 U.S.C. 3201 et seq.).

SEC. 3. EXPANSION OF PURPOSES OF TSUNAMI WARNING AND EDUCATION ACT.

Section 3 (33 U.S.C. 3202) is amended—

(1) in paragraph (1), by inserting "research," after "warnings,";

(2) by amending paragraph (2) to read as follows:

"(2) to enhance and modernize the existing United States Tsunami Warning System to increase the accuracy of forecasts and warnings, to ensure full coverage of tsunami threats to the United States with a network of detection assets, and to reduce false alarms;"

(3) by amending paragraph (3) to read as follows:

"(3) to improve and develop standards and guidelines for mapping, modeling, and assessment efforts to improve tsunami detection, forecasting, warnings, notification, mitigation, resiliency, response, outreach, and recovery;"

(4) by redesignating paragraphs (4), (5), and (6) as paragraphs (5), (6), and (8), respectively;

(5) by inserting after paragraph (3) the following:

"(4) to improve research efforts related to improving tsunami detection, forecasting, warnings, notification, mitigation, resiliency, response, outreach, and recovery;"

(6) in paragraph (5), as redesignated—

(A) by striking "and increase" and inserting "increase, and develop uniform standards and guidelines for"; and

(B) by inserting "including the warning signs of locally generated tsunami" after "approaching";

(7) in paragraph (6), as redesignated, by striking "including the Indian Ocean; and" and inserting a semicolon; and

(8) by inserting after paragraph (6), as redesignated, the following:

"(7) to foster resilient communities in the face of tsunami and other similar coastal hazards; and"

SEC. 4. MODIFICATION OF TSUNAMI FORECASTING AND WARNING PROGRAM.

(a) IN GENERAL.—Subsection (a) of section 4 (33 U.S.C. 3203(a)) is amended by striking "Atlantic Ocean, Caribbean Sea, and Gulf of Mexico region" and inserting "Atlantic Ocean region, including the Caribbean Sea and the Gulf of Mexico".

(b) COMPONENTS.—Subsection (b) of section 4 (33 U.S.C. 3203(b)) is amended—

(1) in paragraph (1), by striking "established" and inserting "supported or maintained";

(2) by redesignating paragraphs (7) through (9) as paragraphs (8) through (10), respectively;

(3) by redesignating paragraphs (2) through (6) as paragraphs (3) through (7), respectively;

(4) by inserting after paragraph (1) the following:

"(2) to the degree practicable, maintain not less than 80 percent of the Deep-ocean Assessment and Reporting of Tsunamis buoy array at operational capacity to optimize data reliability;"

(5) by amending paragraph (5), as redesignated by paragraph (3), to read as follows:

"(5) provide tsunami forecasting capability based on models and measurements, including tsunami inundation models and maps for use in increasing the preparedness of communities and safeguarding port and harbor operations, that incorporate inputs, including—

"(A) the United States and global ocean and coastal observing system;

"(B) the global Earth observing system;

"(C) the global seismic network;

"(D) the Advanced National Seismic system;

"(E) tsunami model validation using historical and paleotsunami data;

"(F) digital elevation models and bathymetry;

"(G) newly developing tsunami detection methodologies using satellites and airborne remote sensing; and

"(H) any other data the Administrator determines is necessary;"

(6) by amending paragraph (7), as redesignated by paragraph (3), to read as follows:

"(7) include a cooperative effort among the Administration, the United States Geological Survey, and the National Science Foundation under which the Director of the United States Geological Survey and the Director of the National Science Foundation shall—

"(A) provide rapid and reliable seismic information to the Administrator from international and domestic seismic networks; and

"(B) support seismic stations installed before the date of the enactment of the Tsunami Warning, Education, and Research Act of 2015 to supplement coverage in areas of sparse instrumentation;"

(7) in paragraph (8), as redesignated by paragraph (2)—

(A) by inserting "including graphical warning products," after "warnings";

(B) by inserting "territories," after "States"; and

(C) by inserting "and Wireless Emergency Alerts" after "Hazards Program"; and

(8) in paragraph (9), as redesignated by paragraph (2)—

(A) by inserting "provide and" before "allow"; and

(B) by inserting "and commercial and Federal undersea communications cables" after "observing technologies".

(c) TSUNAMI WARNING SYSTEM.—Subsection (c) of section 4 (33 U.S.C. 3203(c)) is amended to read as follows:

"(c) TSUNAMI WARNING SYSTEM.—The program under this section shall operate a tsunami warning system that—

"(1) is capable of forecasting tsunami, including forecasting tsunami arrival time and inundation estimates, anywhere in the Pacific and Arctic Ocean regions and providing adequate warnings;

"(2) is capable of forecasting and providing adequate warnings, including tsunami arrival time and inundation models where applicable, in areas of the Atlantic Ocean, including the Caribbean Sea and Gulf of Mexico, that are determined—

"(A) to be geologically active, or to have significant potential for geological activity; and

"(B) to pose significant risks of tsunami for States along the coastal areas of the Atlantic Ocean, Caribbean Sea, or Gulf of Mexico; and

"(3) supports other international tsunami forecasting and warning efforts."

(d) TSUNAMI WARNING CENTERS.—Subsection (d) of section 4 (33 U.S.C. 3203(d)) is amended to read as follows:

"(d) TSUNAMI WARNING CENTERS.—

"(1) IN GENERAL.—The Administrator shall support or maintain centers to support the tsunami warning system required by subsection (c). The Centers shall include—